APPENDIX G
ARIZONA'S 2016 IMPAIRED WATERS
Priority Ranking for TMDL Development

This list contains assessment units that were assessed as impaired (Category 5) by ADEQ or EPA during the current and previous assessment listing cycles **(2016 listings are in bold).**

ASSESSMENT UNIT	CAUSE(S) OF IMPAIRMENT (YEAR FIRST LISTED)	PRIORITY
Bill Williams Watershed		
Alamo Lake 15030204-0040	Ammonia (2004), mercury in fish tissue (2002- EPA), high pH (1996)	Medium
Bill Williams River Alamo Lake to Castaneda Wash 15030204-003	Ammonia (2006)	Medium
Boulder Creek Tributary at 344114/1131800 to Wilder Creek 15030202-006B	Beryllium (dissolved)(2010)	Low
Coors Lake 15030202-5000	Mercury in fish tissue (2004- EPA)	Low
Colorado-Grand Canyon Watershed		
Colorado River Lake Powell to Paria River 14070006-001	**Selenium (total) (2016)**	Low
Colorado River Parashant Canyon to Diamond Creek 15010002-003	Selenium (total) and suspended sediment concentration (2004)	Low
Kanab Creek Jump-up Canyon to Colorado River 15010003-001	**Selenium (total) (2016)**	Low
Lake Powell 14070006-1130	Mercury in fish tissue (2010- EPA)	Low
Paria River Utah border to Colorado River 14070007-123	Suspended sediment concentration (2004), E. coli (2006), **selenium (total) (2016)**	Medium
Virgin River Sullivan's Canyon to Beaver Dam Wash 15010010-004	Selenium (total) (2012)	Medium
Virgin River Beaver Dam Wash to Big Bend Wash 15010010-003	Selenium (total) and suspended sediment concentration (2004), E. coli (2010)	Medium
Colorado-Lower Gila Watershed		
Colorado River Hoover Dam to Lake Mohave 15030101-015	Selenium (total) (2004)	Low

ASSESSMENT UNIT	CAUSE(S) OF IMPAIRMENT (YEAR FIRST LISTED)	PRIORITY
Colorado River Main Canal to Mexico border 15030107-001	Selenium (total) (2006)	Low
Lake Mohave 15030101-0960	Selenium (total) (2010)	Low
Painted Rock Borrow Pit Lake 15070201-1010	Low dissolved oxygen (1992)	Low
Little Colorado Watershed		
Black Canyon Lake 15020010-0180	Ammonia (2010)	Low
Lyman Lake 15020001-0850	Mercury in fish tissue (2004- EPA)	Low
Pintail Lake 15020005-5000	Ammonia (2010)	Low
Puerco River Dead Wash to Ninemile Wash 15020007-007	Copper (dissolved) (2010), E. coli (2012/14)	Medium
Telephone Lake 15020005-1500	Ammonia (2010)	Low
Middle Gila Watershed		
Agua Fria River Sycamore Creek to Big Bug Creek 15070102-023	E. coli (2010), **selenium (total) (2016)**	Low
Alvord Lake 15060106B-0050	Ammonia (2004)	Low
Arnett Creek Headwaters to Queen Creek 15050100-1818	Copper (dissolved) (2010)	High
Chaparral Park Lake 15060106B-0300	Low dissolved oxygen and E. coli (2004)	Medium
Cortez Park Lake 15060106B-0410	Low dissolved oxygen and high pH (2004)	Medium
Gila River San Pedro River to Mineral Creek 15050100-008	Suspended sediment concentration (2006)	Low
Hassayampa River Buckeye Canal to Gila River 15070103-001B	**E. coli (2016)**	Low
Lake Pleasant 15070102-1100	Mercury in fish tissue (2006- EPA)	Low
Mineral Creek Devil's Canyon to Gila River 15050100-012B	Copper (dissolved) (1992), selenium (total) (2004), low dissolved oxygen (2006)	Low
Money Metals Trib Headwaters to Unnamed Tributary (UB1) 15070102-123	**Copper and zinc (2016)**	Low

ASSESSMENT UNIT	CAUSE(S) OF IMPAIRMENT (YEAR FIRST LISTED)	PRIORITY
Queen Creek Headwaters to Superior WWTP discharge 15050100-014A	Copper (dissolved) (2002), lead (total) (2010), selenium (total) (2012)	High
Queen Creek Superior WWTP discharge to Potts Canyon 15050100-014B	Copper (dissolved) (2004)	High
Queen Creek Potts Canyon to Whitlow Canyon 15050100-014C	Copper (dissolved) (2010)	High
Unnamed Trib to Eugene Gulch Headwaters to Eugene Gulch 15070102-1994	**Copper (dissolved) (2016)**	Low
Unnamed Tributary to Queen Creek (UQ2) Headwaters to Queen Creek 15050100-1000	Copper (dissolved) (2010)	High
Unnamed Tributary to Queen Creek (UQ3) Headwaters to Queen Creek 15050100-1843	Copper (dissolved) (2010)	High
Unnamed Tributary to Queen Creek (UQE) Headwaters to Queen Creek 15050100-991	Copper (dissolved) (2010)	High
Salt Watershed		
Apache Lake 15060106A-0070	Low dissolved oxygen(2006)	Low
Canyon Lake 15060106A-0250	Low dissolved oxygen(2004)	Low
Christopher Creek Headwaters to Tonto Creek 15060105-353 *Also on Not Attaining (4A) List	**Low dissolved oxygen (2016)**	Low
Crescent Lake 15060101-0420	High pH (2002- EPA)	Low
Five Point Tributary Headwaters to Pinto Creek 15060103-885	Copper (dissolved) (2006)	High
Pinto Creek West Fork Pinto Creek to Roosevelt Lake 15060103-018C *Also on Not Attaining (4A) List	Selenium (total) (2004)	Low
Roosevelt Lake 15060103-1240	Mercury in fish tissue (2006- EPA)	Low
Salt River Canyon Creek to Cherry Creek 15060103-007	Selenium (total) (2012/14)	Low
Salt River Pinal Creek to Roosevelt Lake 15060103-004	E. coli (2010)	Medium
Tonto Creek Tributary @ 341810/1110414 to Haigler Creek 15060105-013B	Mercury in fish tissue (2010- EPA)	Low

ASSESSMENT UNIT	CAUSE(S) OF IMPAIRMENT (YEAR FIRST LISTED)	PRIORITY
Tonto Creek Haigler Creek to Spring Creek 15060105-011	Mercury in fish tissue (2010-EPA)	Low
Tonto Creek Spring Creek to Rye Creek 15060105-009	Mercury in fish tissue (2010-EPA)	Low
Tonto Creek Rye Creek to Gun Creek 15060105-008	Mercury in fish tissue (2010-EPA)	Low
Tonto Creek Gun Creek to Greenback Creek 15060105-006	Mercury in fish tissue (2010-EPA)	Low
Tonto Creek (TON) Greenback Creek to Roosevelt Lake 15060105-004	Mercury in fish tissue (2010-EPA)	Low
San Pedro Watershed		
Aravaipa Creek Aravaipa Cyn Wilderness - San Pedro River 15050203-004C	**E. coli (2016)**	Medium
Brewery Gulch Headwaters to Mule Gulch 15080301-337	Copper (dissolved) (2004-EPA and ADEQ 2006/08)	Low
Copper Creek Headwaters - Prospect Canyon 15050203-022A	**Cadmium, copper, zinc and selenium (2016)**	Medium
Mule Gulch Headwaters to above Lavender Pit 15080301-090A	Copper (dissolved) (1990)	Low
Mule Gulch Above Lavender Pit to Bisbee WWTP discharge 15080301-090B	Copper (dissolved) (1990)	Low
Mule Gulch Bisbee WWTP discharge to Highway 80 bridge 15080301-090C	Copper (total and dissolved) (1990)	Low
San Pedro River Mexico border to Charleston 15050202-008	E. coli and copper (dissolved) (2010), **dissolved oxygen (2016)**	High
San Pedro River Babocomari Creek to Dragoon Wash 15050202-003	E. coli (2004)	High
Santa Cruz Watershed		
Nogales Wash Mexico border to Potrero Creek 15050301-011	Ammonia and copper (dissolved) (2004), total residual chlorine (1996), E. coli (1998)	High
Parker Canyon Lake 15050301-1040	Mercury in fish tissue (2004- EPA)	Low
Potrero Creek Interstate 19 to Santa Cruz River 15050301-500B	E. coli, low dissolved oxygen and total residual chlorine (2010)	High

ASSESSMENT UNIT	CAUSE(S) OF IMPAIRMENT (YEAR FIRST LISTED)	PRIORITY
Rose Canyon Lake 15050302-1260	Low pH (2004- EPA)	Low
Santa Cruz River Canada Del Oro to HUC 15050303 15050301-001	**E. coli (2016)**	High
Santa Cruz River Josephine Canyon to Tubac Bridge 15050301-008A	Ammonia and E. coli (2010)	High
Santa Cruz River Nogales WWTP - Josephine Can 15050301-009	E. coli (2012/14)	High
Sonoita Creek 1600 feet below Patagonia WWTP discharge to Patagonia Lake 15050301-013C	Zinc (total) (2004), low dissolved oxygen (1998)	Low
Upper Gila River		
Blue River Strayhorse Creek to San Francisco River 15040004-025B	E. coli (2006)	Medium
Cave Creek Headwaters to South Fork Cave Creek 15040006-852A	Selenium (total) (2004)	Low
Gila River Bonita Creek to Yuma Wash 15040005-022	Lead (total) (2010)	Low
San Francisco River Blue River to Limestone Gulch 15040004-003	E. coli (2006)	Medium
San Francisco River Limestone Gulch to Gila River 15040004-001	E. coli (2010)	Medium
Verde Watershed		
Ackers East Headwaters - Ackers West 15060202-3313	**E. coli (2016)**	High
Ackers West Headwaters - Granite Creek 15060202-3333	**E. coli (2016)**	High
Aspen Creek Headwaters - Granite Creek 15060202-769	**E. coli (2016)**	High
Bannon Creek Headwaters - Granite Creek 15060202-774	**E. coli (2016)**	High
Butte Creek Headwaters - Miller Creek 15060202-768	E. coli (2012/14)	High

ASSESSMENT UNIT	CAUSE(S) OF IMPAIRMENT (YEAR FIRST LISTED)	PRIORITY
Government Canyon Headwaters - Granite Creek 15060202-775	**E. coli (2016)**	High
Granite Creek Headwaters to Willow Creek 15060202-059A	E. coli (2010)	High
Granite Creek Yavapai Reservation to Watson Lake 15060202-059B	E. coli (2010)	High
Manzanita Creek Headwaters to Granite Creek 15060202-772	E. coli (2012/14)	High
Miller Creek Headwaters to Granite Creek 15060202-767	E. coli (2010)	High
North Fork Miller Headwaters to Miller Creek 15060202-013	**E. coli (2016)**	High
North Granite Creek Headwaters to Granite Creek 15060202-757	**E. coli (2016)**	High
Oak Creek Spring Creek to Verde River 15060202-016	**E. coli (2016)**	High
Slaughterhouse Gulch Headwaters to Granite Creek 15060202-777	**E. coli (2016)**	High
Verde River Bartlett Dam to Camp Creek 15060203-004	Arsenic (total) (2010)	Low
Verde River Sycamore Creek to Oak Creek 15060202-025	**Dissolved oxygen and E. coli (2016)**	Medium
Watson Lake 15060202-1590	Nitrogen, low dissolved oxygen, high pH (2004- EPA)	High
Willow Creek Reservoir 15060202-1660	Ammonia (2012)	Low